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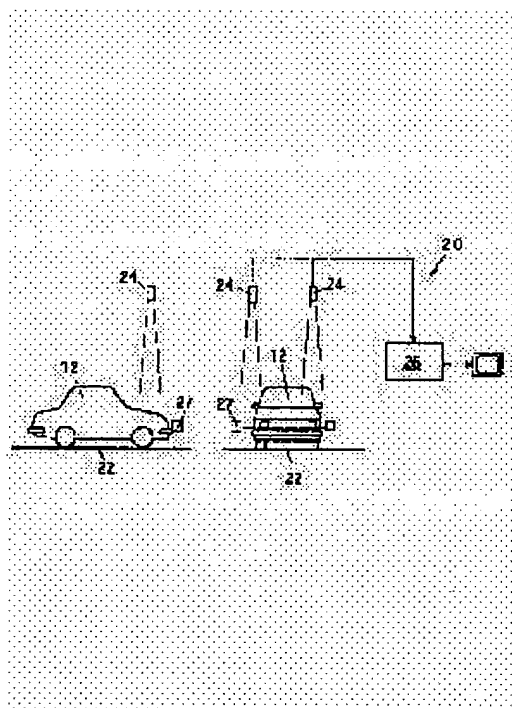
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(54) METHOD FOR MEASURING VEHICLE WIDTH AND DEVICE THEREFOR

(57)Abstract:

PROBLEM TO BE SOLVED: To surely measure an exact vehicle width, regardless of a vehicle body color and its density, and even if a vehicle obliquely passes a measuring unit.

SOLUTION: This device is provided with a measuring floor surface 22 having the striped pattern extending rectilinearly in the width direction of a vehicle 12, a CCD camera 24 installed vertically downward on the upper part of the measuring floor surface 22 and an image processor 26 processing an image pickup image. By the CCD camera 24, the images of the both-side surfaces of the vehicle in which the measuring floor surface 22 is defined as a background, are image-picked up. A differential processing is performed for the difference of the vehicle density and the density of the striped pattern on the image and the sudden change segments of the density are extracted. Next, the segments extending by a prescribed length or more in almost the back and forth directions and with the longest space in the width direction of the sudden change segments are defined as extraction segments. Further, the extraction segments located on the same line are connected, a pair of parallel lines are determined and the space of these parallel lines is defined as vehicle width.



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